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Table 1. Semiquantitative Spectrographic Analyses  
Analyses by Chris Heropoulos 1966, 1967 = 214

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JUN 19 1967

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Results are reported in percent to the nearest number in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, and 0.1, etc., which represent approximate mid-points of interval data on a geometric scale. The assigned interval for semiquantitative results will include the quantitative value about 30 percent of the time. (Those analyses for gold that are reported in parts per million are by atomic absorption method; T. Ging, E. Martinez, T. Roemer and Z. Stephenson, analysts.)

Panned Concentrates of Stream Sediments

Sample Number (Locality number on figure 1)	Quadrangle	Percent Copper	Percent other elements in possible anomalous concentrations	Stream Sediment Samples Sample Number (Locality number on figure 1)	Quadrangle	Percent Copper	Percent other elements in possible anomalous concentrations	Bedrock and Soil Samples Sample Number (Locality number on figure 1)	Quadrangle	Percent Copper	Percent other elements in possible anomalous concentrations	Remarks (Grab samples except as noted)
R5	Ambler River	.001	--	R29	Ambler River	.003	--	R31	Ambler River	.0002	--	Greenstone
R10	" "	.015	15°	R52	Baird Mtns.	.003	--	R52	Baird Mtns.	.003	--	Quartzite
R25	" "	.0005	--	R127	" "	.0005	--	R178	" "	.005	--	Quartzose mica schist
R48(.1)	Baird Mtns.	.01	Ag .00007 Ti 1.0	R190	" "	1.0	✓	--	--	--	--	Vein quartz in phyllite
R49	" "	.007	--	--	--	--	--	R190	" "	.005	--	Vein quartz in phyllite
R68	" "	.001	--	--	--	--	--	--	--	--	--	Mineralized
R70	" "	.0007	--	--	--	--	--	--	--	--	--	quartz vein in limestone;
R82	" "	.007	--	--	--	--	--	--	--	--	--	malachite and limonite
R84	" "	.002	Sr .1	--	--	--	--	--	--	--	--	Soil sample
R85	" "	.005	--	T77	" "	.01	--	T88	Ambler River	.07	--	Vein quartz from headwater basin of small gold placer
R108	" "	.003	--	--	--	--	--	--	--	--	--	Manganese nodule
R129	" "	.003	--	--	--	--	--	--	--	--	--	Pyrite from pyritic slate
T6	Ambler River	.0015	--	--	--	--	--	--	--	--	--	Quartz vein in phyllite
T47	Baird Mtns.	.003	Sr .1	--	--	--	--	--	--	--	--	Black silty slate
T65	" "	.005	--	--	--	--	--	--	--	--	--	" "
T80	" "	.01	--	--	--	--	--	--	--	--	--	Black silty siltstone
T81	" "	.01	--	--	--	--	--	--	--	--	--	Quartz vein in phyllite
T85(.5)	" "	.005	--	--	--	--	--	--	--	--	--	Quartz vein in calcareous phyllite
T86(.1)	" "	.005	--	--	--	--	--	--	--	--	--	Quartz vein in calcareous siltstone
T89	" "	.005	--	--	--	--	--	--	--	--	--	Quartz vein in sandstone
T90	" "	.005	--	--	--	--	--	--	--	--	--	Calcareous sandstone
T100	.3	.003	--	--	--	--	--	--	--	--	--	Quartz vein in calcareous sandstone
T100	.4	.005	--	--	--	--	--	--	--	--	--	Silty sandstone
T105	" "	.015	--	--	--	--	--	--	--	--	--	Mineralized quartz vein in limestone; malachite, azurite, and galena
T110(.3)	" "	.005	Mo .0015	B120(C)	" "	.001	Sr .15	--	--	--	--	" "
T110(.4)	" "	.003	Mo .001	B120(E)	" "	.0005	Ba .2	--	--	--	--	" "
T113(.3)	Misheguk Mtn.	.007	--	B120(G)	" "	.001	--	--	--	--	--	" "
T142	" "	.01	--	--	--	--	--	--	--	--	--	Ag .0003
T143(.2)	" "	.01	--	--	--	--	--	--	--	--	--	Gossan on quartz vein
T149(.8)	" "	.01	--	--	--	--	--	--	--	--	--	Pyritic quartz
T150(.1)	" "	.015	--	--	--	--	--	--	--	--	--	siltstone
T151	" "	.007	Cr .5	B173	" "	.001	--	--	--	--	--	Quartz vein in siltstone
B39	Ambler River	.0015	Sn .03	B174	" "	.005	--	--	--	--	--	Quartz vein in calcareous siltstone
B63	" "	.0015	Sn .015	--	--	--	--	--	--	--	--	Quartz vein in greenstone silt
B68	" "	.001	--	--	--	--	--	--	--	--	--	" "
B103	" "	.005	--	B178(A)	" "	1.0	X	Ag .00015	--	--	--	Quartz vein in calcareous siltstone
B115	Baird Mtns.	.007	Ni .01	--	--	--	--	--	--	--	--	" "
B153	" "	.003	Sr .07	--	--	--	--	--	--	--	--	Phyllitic quartz siltstone
B169	" "	.005	--	--	--	--	--	--	--	--	--	Silty sandstone
B170	" "	.005	--	B178(B)	" "	.02	--	--	--	--	--	Silty sandstone
B178	" "	.007	--	B178(SI)	" "	.0015	Ni .005	--	--	--	--	Quartz vein in quartzite
B191	" "	.007	--	B189	" "	.01	--	--	--	--	--	Pyritic quartz vein in phyllite
B200	" "	.007	--	B191	" "	.0015	--	--	--	--	--	Mineralized quartz vein in limestone; malachite, azurite, and galena
B214	" "	.007	--	B191(A)	" "	.002	--	--	--	--	--	" "
B283	Ambler River	.005	--	B192(A)	" "	.001	--	--	--	--	--	" "
B39	" "	.0015	Sn .03	B192(B2)	" "	.0015	Ni .0015	Cr .002	--	--	--	Silty siltstone with chrome mica
B63	" "	.0015	Sn .015	B192(D2)	" "	.007	Ni .01	Cr .02	--	--	--	" "
B68	" "	.001	--	B192(G2)	" "	.007	Ni .015	Cr .02	--	--	--	" "
B178	" "	.005	--	B192(X)	" "	.002	Ni .01	Cr .02	--	--	--	" "
B178	" "	.007	--	B193	" "	.0015	--	--	--	--	--	Silty sandstone
B191	" "	.007	--	B199	" "	.0015	--	--	--	--	--	Quartz vein in quartzite
B200	" "	.007	--	B201	" "	.0015	--	--	--	--	--	Pyritic quartz vein in phyllite
B203	" "	.007	--	B203	" "	1.5	X	Ag .0002	--	--	--	Pyrite and chalcopyrite separated from vein quartz
M98(A)	Ambler River	.3	Ag .005	--	--	--	--	--	--	--	--	Mineralized quartz vein in limestone; malachite, azurite, and galena
M98(A)	Ambler River	.3	Fb .15	--	--	--	--	--	--	--	--	" "
M98(A)	Ambler River	.3	Sc .1	--	--	--	--	--	--	--	--	" "

U.S. Department of the Interior  
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